

LAW OFFICES
KILYK & BOWERSOX, P.L.L.C.*Intellectual Property Law*LUKE A. KILYK* (PA, DC)
LEONARD D. BOWERSOX
JASBIR SINGH
MATTHEW T. GILL
RALPH T. WEBB* (DC, TX, LA)
SUSANNE M. HOPKINS53 A East Lee Street
WARRENTON, VA 20186TEL: (540) 428-1701
FAC: (540) 428-1720
(540) 428-1721FAIRFAX OFFICE
3603-E Chain Bridge Road
Fairfax, Virginia 22030Email: lkilyk@kbpatentlaw.com
Website: <http://www.kbpatentlaw.com>Of Counsel:
LAWRENCE B. BUGAISKY, Ph.D.* (DC)
WILLIAM CHARLES JAMISON, Ph.D.

*Admitted only in states indicated

PLEASE DIRECT CORRESPONDENCE TO OUR WARRENTON OFFICE

FACSIMILE TRANSMISSION COVER SHEET

DATE: August 30, 2005

TO: Examiner Arun S. Phasge
Group Art Unit 1753
Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450RE: U.S. Patent Application No. 09/945,340
For: CHROMATOGRAPHY AND OTHER ADSORPTIONS
USING MODIFIED CARBON ADSORBENTS
Our Ref: 96074CIP2 (3600-011-03)FROM: Luke A. Kilyk, Esq. 

FAC. TEL. NO.: 1-571-273-8300

NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 16

Items Attached: Fee Transmittal -- 1 page
Third Supplemental Information Disclosure Statement -- 2 pages
Form PTO-SB-08 -- 2 pages
2 cited reference -- 10 pages

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 1-571-273-8300 on August 30, 2005.

Kim Blum
Name (Print)
SignatureRECEIVED
OIPE/IAP


AUG 31 2005

THE INFORMATION CONTAINED IN THIS MESSAGE IS CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED. This message may also be an attorney/client communication which is privileged and confidential. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by calling us collect and return the original message to us at the above address by mail. Thank you.

AUG 30 2005

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005		Complete if Known																																																																																																																																																																																			
Effective 10/01/2003. Patent fees are subject to annual revision.		Application Number	09/945,340																																																																																																																																																																																		
		Filing Date	August 31, 2001																																																																																																																																																																																		
		First Named Inventor	KYRLIDIS et al.																																																																																																																																																																																		
		Examiner Name	Arun S. Phasge																																																																																																																																																																																		
		Art Unit	1753																																																																																																																																																																																		
		Attorney Docket No.	96074CIP2 (3600-011-03)																																																																																																																																																																																		
<input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27																																																																																																																																																																																					
TOTAL AMOUNT OF PAYMENT (\$)		180.00																																																																																																																																																																																			
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																			
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 03-0060 Deposit Account Name: Cabot Corporation		3. ADDITIONAL FEES <table border="1" style="width: 100%; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>80</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1261</td> <td>120</td> <td>2261</td> <td>60</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1262</td> <td>450</td> <td>2262</td> <td>225</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1263</td> <td>1,020</td> <td>2263</td> <td>510</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1264</td> <td>1,590</td> <td>2264</td> <td>795</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1265</td> <td>2,160</td> <td>2265</td> <td>1,080</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>500</td> <td>2401</td> <td>250</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>500</td> <td>2402</td> <td>250</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>1,000</td> <td>2403</td> <td>500</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>500</td> <td>2452</td> <td>250</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,600</td> <td>2453</td> <td>750</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,400</td> <td>2501</td> <td>700</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>800</td> <td>2502</td> <td>400</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>1,100</td> <td>2503</td> <td>550</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1808</td> <td>180</td> <td>1808</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td>180.00</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>790</td> <td>2809</td> <td>395</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>790</td> <td>2810</td> <td>395</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>790</td> <td>2801</td> <td>395</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	80	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1261	120	2261	60	Extension for reply within first month		1262	450	2262	225	Extension for reply within second month		1263	1,020	2263	510	Extension for reply within third month		1264	1,590	2264	795	Extension for reply within fourth month		1265	2,160	2265	1,080	Extension for reply within fifth month		1401	500	2401	250	Notice of Appeal		1402	500	2402	250	Filing a brief in support of an appeal		1403	1,000	2403	500	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	500	2452	250	Petition to revive - unavoidable		1453	1,600	2453	750	Petition to revive - unintentional		1501	1,400	2501	700	Utility issue fee (or reissue)		1502	800	2502	400	Design issue fee		1503	1,100	2503	550	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1808	180	1808	180	Submission of Information Disclosure Stmt	180.00	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))		1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))		1801	790	2801	395	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																		
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																	
1052	80	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																	
1053	130	1053	130	Non-English specification																																																																																																																																																																																	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																	
1261	120	2261	60	Extension for reply within first month																																																																																																																																																																																	
1262	450	2262	225	Extension for reply within second month																																																																																																																																																																																	
1263	1,020	2263	510	Extension for reply within third month																																																																																																																																																																																	
1264	1,590	2264	795	Extension for reply within fourth month																																																																																																																																																																																	
1265	2,160	2265	1,080	Extension for reply within fifth month																																																																																																																																																																																	
1401	500	2401	250	Notice of Appeal																																																																																																																																																																																	
1402	500	2402	250	Filing a brief in support of an appeal																																																																																																																																																																																	
1403	1,000	2403	500	Request for oral hearing																																																																																																																																																																																	
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																	
1452	500	2452	250	Petition to revive - unavoidable																																																																																																																																																																																	
1453	1,600	2453	750	Petition to revive - unintentional																																																																																																																																																																																	
1501	1,400	2501	700	Utility issue fee (or reissue)																																																																																																																																																																																	
1502	800	2502	400	Design issue fee																																																																																																																																																																																	
1503	1,100	2503	550	Plant issue fee																																																																																																																																																																																	
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																	
1808	180	1808	180	Submission of Information Disclosure Stmt	180.00																																																																																																																																																																																
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																	
1801	790	2801	395	Request for Continued Examination (RCE)																																																																																																																																																																																	
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																	
1. BASIC FILING FEE <table border="1" style="width: 100%; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>790</td> <td>2001</td> <td>395</td> <td>Utility filing fee</td> <td></td> </tr> <tr> <td>1002</td> <td>350</td> <td>2002</td> <td>175</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>550</td> <td>2003</td> <td>275</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>790</td> <td>2004</td> <td>395</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	790	2001	395	Utility filing fee		1002	350	2002	175	Design filing fee		1003	550	2003	275	Plant filing fee		1004	790	2004	395	Reissue filing fee		1005	160	2005	80	Provisional filing fee																																																																																																																																													
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																		
1001	790	2001	395	Utility filing fee																																																																																																																																																																																	
1002	350	2002	175	Design filing fee																																																																																																																																																																																	
1003	550	2003	275	Plant filing fee																																																																																																																																																																																	
1004	790	2004	395	Reissue filing fee																																																																																																																																																																																	
1005	160	2005	80	Provisional filing fee																																																																																																																																																																																	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width: 100%; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>50</td> <td>2202</td> <td>25</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>200</td> <td>2201</td> <td>100</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>360</td> <td>2203</td> <td>180</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>200</td> <td>2204</td> <td>100</td> <td>**Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>50</td> <td>2205</td> <td>25</td> <td>**Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	50	2202	25	Claims in excess of 20		1201	200	2201	100	Independent claims in excess of 3		1203	360	2203	180	Multiple dependent claim, if not paid		1204	200	2204	100	**Reissue independent claims over original patent		1205	50	2205	25	**Reissue claims in excess of 20 and over original patent																																																																																																																																													
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																		
1202	50	2202	25	Claims in excess of 20																																																																																																																																																																																	
1201	200	2201	100	Independent claims in excess of 3																																																																																																																																																																																	
1203	360	2203	180	Multiple dependent claim, if not paid																																																																																																																																																																																	
1204	200	2204	100	**Reissue independent claims over original patent																																																																																																																																																																																	
1205	50	2205	25	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																	
SUBTOTAL (1) (\$) 0.00 SUBTOTAL (2) (\$) 0.00 <small>** or number previously paid, if greater; For Reissues, see above</small>		SUBTOTAL (3) (\$) 180.00																																																																																																																																																																																			
SUBMITTED BY Name (Print/Type): Luke A. Kilyk Signature: 		Complete (if applicable) Registration No. (Attorney/Agent): 33,251 Telephone: 1-540-428-1701 Date: August 30, 2005																																																																																																																																																																																			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioners for Patents, P.O. Box 1460, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 1-571-273-8300 on August 30, 2005.

Kim Blum
Name (Print)


Signature

AUG 30 2005

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 1-571-273-8300 on August 30, 2005.

Kim Blum
Name (Print)

Kim Blum
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: KYRLIDIS et al.)	Examiner: Arun S. Phasge
)	
Application Number: 09/945,340)	Group Art Unit: 1753
)	
Filed: August 31, 2001)	Confirmation No.: 1425
)	
New Docket No.: 96074CIP2 (3600-011-03))	

For: CHROMATOGRAPHY AND OTHER ADSORPTIONS USING MODIFIED
CARBON ADSORBENTS

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(c)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 30, 2005

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-SB-08. Pursuant to the current United States Patent and Trademark Office rules, no copies of U.S. Patents/Patent Application Publications are provided.

This Information Disclosure Statement is being submitted after expiration of the three-month period following filing of the above-captioned application, but before any Final Office Action or Notice of Allowance.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear

Third Supplemental Information Disclosure Statement
U.S. Patent Application No. 09/945,340

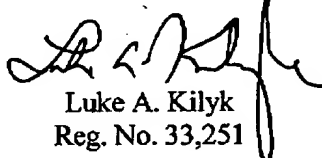
on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Please charge the fee of \$180.00 to Deposit Account No. 03-0060. If there are any other fees due in connection with the filing of this response, please charge the fees to Deposit Account 03-0060.

Respectfully submitted,



Luke A. Kilyk
Reg. No. 33,251

Atty. Docket No.: 96074CIP2 (3600-011-03)
KILYK & BOWERSOX, P.L.L.C.
53 A East Lee Street
Warrenton, VA 20186
Tel.: (540) 428-1701
Fax: (540) 428-1720
Enclosures: Form PTO-SB-08 w/2 Documents

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid notice that it is being used by the Office of Management and Budget.			
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			
Sheet	2	of	2

Complete if Known	
Application Number	09/945,340
Filing Date	August 31, 2001
First Named Inventor	Kyridis et al.
Art Unit	1753
Examiner Name	Arun S. Phasge
Attorney Docket Number	96074CIP2 (3800-011-03)

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.